

Name: Class:

Multiply decimals



Multiply the following decimals.

$$\begin{array}{r} 0.35 \\ \times 0.9 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{4}{3}5 \\ \times \quad 9 \\ \hline 315 \\ \hline 0.315 \end{array}$$

$$\begin{array}{r} 0.34 \\ \times 0.05 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 0.79 \\ \times 0.2 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 0.99 \\ \times 0.8 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 5.53 \\ \times 0.6 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 7.49 \\ \times 0.3 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 7.51 \\ \times 0.8 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 4.22 \\ \times 0.2 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 9.52 \\ \times 0.7 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 537.95 \\ \times \quad 9.2 \\ \hline \end{array} \rightarrow$$

$$\begin{array}{r} 345.961 \\ \times \quad 3.7 \\ \hline \end{array} \rightarrow$$

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Tip : First, multiply expression like if they are whole numbers.

Then, count and add the number of digits behind the decimal point to the answer.

$$\begin{array}{r} 0.35 \\ \times 0.9 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{4}{3}5 \\ \times \quad 9 \\ \hline 315 \end{array}$$

0.315

$$\begin{array}{r} 0.34 \\ \times 0.05 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{2}{3}4 \\ \times \quad 5 \\ \hline 170 \end{array}$$

0.0170

$$\begin{array}{r} 0.79 \\ \times 0.2 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{1}{7}9 \\ \times \quad 2 \\ \hline 158 \end{array}$$

0.158

$$\begin{array}{r} 0.99 \\ \times 0.8 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{7}{9}9 \\ \times \quad 8 \\ \hline 792 \end{array}$$

0.792

$$\begin{array}{r} 5.53 \\ \times 0.6 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{3}{5}\overset{1}{5}3 \\ \times \quad 6 \\ \hline 3,318 \end{array}$$

3.318

$$\begin{array}{r} 7.49 \\ \times 0.3 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{1}{7}\overset{2}{4}9 \\ \times \quad 3 \\ \hline 2,247 \end{array}$$

2.247

$$\begin{array}{r} 7.51 \\ \times 0.8 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{4}{7}51 \\ \times \quad 8 \\ \hline 6,008 \end{array}$$

6.008

$$\begin{array}{r} 4.22 \\ \times 0.2 \\ \hline \end{array} \rightarrow \begin{array}{r} 422 \\ \times \quad 2 \\ \hline 844 \end{array}$$

0.844

$$\begin{array}{r} 9.52 \\ \times 0.7 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{3}{9}\overset{1}{5}2 \\ \times \quad 7 \\ \hline 6,664 \end{array}$$

6.664

$$\begin{array}{r} 537.95 \\ \times \quad 9.2 \\ \hline 107,590 \\ + 4,841,550 \\ \hline 4,949,140 \end{array}$$

4,949.140

$$\begin{array}{r} 345.961 \\ \times \quad 3.7 \\ \hline 2,421,727 \\ + 10,378,830 \\ \hline 12,800,557 \end{array}$$

1,280.0557